



"ENGINEERED SOLUTIONS"

A MEMBER OF THE **Hudaco** GROUP

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Press Release

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Quality Powermite/Conductix festoon systems – the lifeblood of electric bulk materials handling machinery

Superior quality festoon systems from Powermite, a specialist supplier of electrical and mechanical equipment for moving machinery to local industry for close on 50 years, deliver a reliable, efficient and uninterrupted feed of energy, data, air and fluids to electric mobile bulk materials handling machinery operating in mining and industry across southern Africa. As the carriers of these resources, this machinery is fundamental to a wide spectrum of industries, from open cast and underground mines to quarry, stockyard and port operations.

Powermite Director, Donovan Marks, points out that extended uptime and high productivity levels are essential in order for these operations to remain profitable. "Equipment reliability and longevity are fundamental to sustainable production and it is therefore paramount that our festoon systems, as the life blood of these machines, operate seamlessly, even under the harshest conditions."

In aligning itself only with world-class products and wanting to provide only premium festoon systems, Powermite partnered with French multinational, Delachaux, and its Conductix-Wampfler operation some 40 years ago. "Our specialised Conductix festoon systems incorporate state-of-the-art, world-class technology, taking them to next level quality, reliability and efficiency," confirms Marks. "Above-average operational life, easy installation, uncomplicated operation and cost effective maintenance with subsequent lowest total overall operational and ownership costs are some of the key benefits our Conductix festoon systems deliver to customers and end-users."

In addition to Conductix festoon systems, the Conductix-Wampfler agreement also sees Powermite distribute a range of Cable Reeling Drums and slip-ring housings to the Southern African region.

2/...Powermite_Festoon Systems



The modular design of the light, medium and heavy duty festoon systems reflect Powermite and Conductix-Wampfler's combined experience of over a century in electrification systems. The Powermite/Conductix festooning range presents an extensive array of configurations for straight runs, bends and circular configurations, making these feeding systems ideally suited for virtually any type of moving equipment including bulk material conveyors, stackers, reclaimers, travelling hoppers, rail car dumpers, plating lines, water treatment and even car wash systems.

According to Marks, the design and correct alignment of the cable can have a significant influence on the performance of energy and data transmission. "Our compact, rugged and reliable custom-made Powermite/Conductix-Wampfler I-Beam and C-Rail cable carriers on the festoon systems effectively and efficiently handle as well as protect flat and round power/data cables. We also supply festoons that run on diamond track or square rail which are specially engineered to prevent dirt build-up and reduce dust accumulation."

With a load capacity of up to 125kg and maximum system length of 150m, the I-Beam cable carrier is suited for heavy duty applications including bulk container handling by cranes typically found at ports. The C-Rail cable carrier, available in zinc-coated and stainless steel, is an ideal energy supply system for light to medium duty applications and is suitable for indoor and outdoor use. A special fully imported version for explosion-proof areas is also available from Powermite.

Irrespective of the particular cable or hose package, the running speed or the location of the machine, Powermite/Conductix-Wampfler has the appropriate ISO 9001:2008 certified festooning solution for diverse industries such as mines, steel mills, ports, power plants, airports, warehouses and automotive facilities.

Powermite, a Hudaco Group company, supports a complete range of cable and festoon hardware and accessories including cable guiding and anchoring devices, damping devices, junction boxes, cable connectors, organisers and clamps, connection boxes, towing clamps, reels, cable, rope and webbing plugs and end clamps.

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